Application for
Construction Permit
KB Broadcasting, Inc.
Channel 265A

ERP 6 KW at 100 Meter AAT: ENGINEERING STATEMENT

This Engineering statement and associated exhibits have been prepared on behalf of KB Broadcasting, Inc. (KBBI). KBBI requests authority to construct and operate a new FM Broadcast facility allocated to Blooming Prairie, Minnesota.

The location of the proposed transmitter site has been found to meet all the separation requirements of the FCC rules. It is proposed to locate the antenna near the top of a 102 meter tower. Exhibit #2 is a Vertical Sketch outlining the proposed construction.

Due to the Geographical spacing of the facilities, frequency separation, and rural nature of the area, no adverse interference problems are anticipated. Further, the applicant agrees to rectify all complaints of interference in accordance with section 73.318 of the Commissions rules. Environmental processing of this application is categorically excluded by Section 1.1306 (b).

Because:

- 1. It does not involve a site specified under Section
 1.1307 (a) (1) (5).
- It will not involve high intensity lighting under Section 1.1307 (a) (6); and
- 3. It will not result in human exposure to RF Radiation in excess of the applicable safety standards specified in Section 1.1307 (b).

Section 1.1306 (D) if the Rules (Adopted by Report and Order in General Docket No. 79-144) defines a Major Action as those Facilities or Operations in Question which result in Exposure of Workers or the General Public to levels of Radio Frequency Radiation in Excess of the of the "RADIO FREQUENCY PROTECTION GUIDES" recommendation in "AMERICAN NATIONAL STANDARD SAFETY LEVELS WITH RESPECT TO HUMAN EXPOSURE TO RADIO FREQUENCY ELECTROMAGNETIC FIELDS, 300 KHZ TO 100 GHZ" issued by the American National Standard Institute (ANSI). OST Bulletin No. 65 (Evaluating Compliance with FCC Specified Guidelines for Human Exposure Situations. Section 11 Page 10 of OST Bulletin No. 65 states that our FM station power level and antenna height meet or exceed the parameters outlined in Table No. 1 Appendix B. of the bulletin for the ANSI Electric Field Limit.

A worst case prediction can be made by assuming the station is radiating 6 KW ERP (H & V) from dipole antenna. This would require that the center of radiation be 19.2 meters above ground. The new facility will operate with an antenna center of radiation of 100 Meters Haat. 5.2 times the worst-case height from Table No. 1).

Therefore, the proposed facility exceeds all required ANSI Guidelines relative to RF Radiation Exposure and will not cause any harmful Environmental Hazards.

Some discussion is required with respect to itinerant workers within the area of RF Radiation.

In the event it is necessary to have workers on the tower, the following procedure will be adhered to; KBBI will reduce power appropriately if it is necessary for them to be within 19.7 Meters of the lower bay of the Antenna. If it is necessary for personnel to be in the appature of the antenna KBBI will shut down the transmitter for the time necessary to complete the work.

There will also be a chain link fence about the base of the tower and transmitter building exhibiting signs warning of potential danger of High Voltage and RF Radiation.

It is believed that the operation proposed herein will be in accordance with FCC Rules Governing FM Broadcast Stations.

STATE OF MINNESOTA **COUNTY OF BELTRAMI**

PAUL TITCHENAL, AFTER BEING DULY SWORN UPON OATH, DEPOSES AND STATES:

HE IS A BROADCAST ENGINEER WITH 25 YEARS EXPERIENCE IN THE BROADCASTING FIELD.

HIS QUALIFICATIONS ARE KNOWN TO THE FCC AND HAVE BEEN ACCEPTED IN PRIOR FILLINGS AND APPEARANCES BEFORE THE COMMISSION.

THE ATTACHED ENGINEERING REPORT WAS PREPARED BY HIM PERSONALLY OR UNDER HIS SUPERVISION AND DIRECTION AND;

THE FACTS STATED HEREIN ARE TRUE, CORRECT AND COMPLETE TO THE BEST OF HIS KNOWLEDGE AND BELIEF.

PAUL TITCHENAL

GENERAL RADIOTELEPHONE OPERATOR'S LICENSE

PG-16-16198

LIFETIME

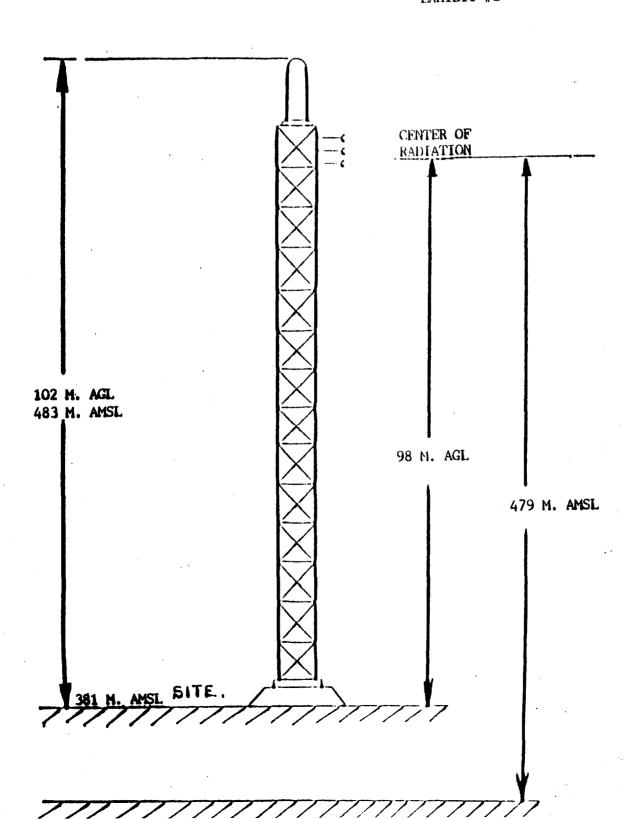
SUBSCRIBED AND SWORN TO ME BEFORE THIS 2 DAY OF 19 92

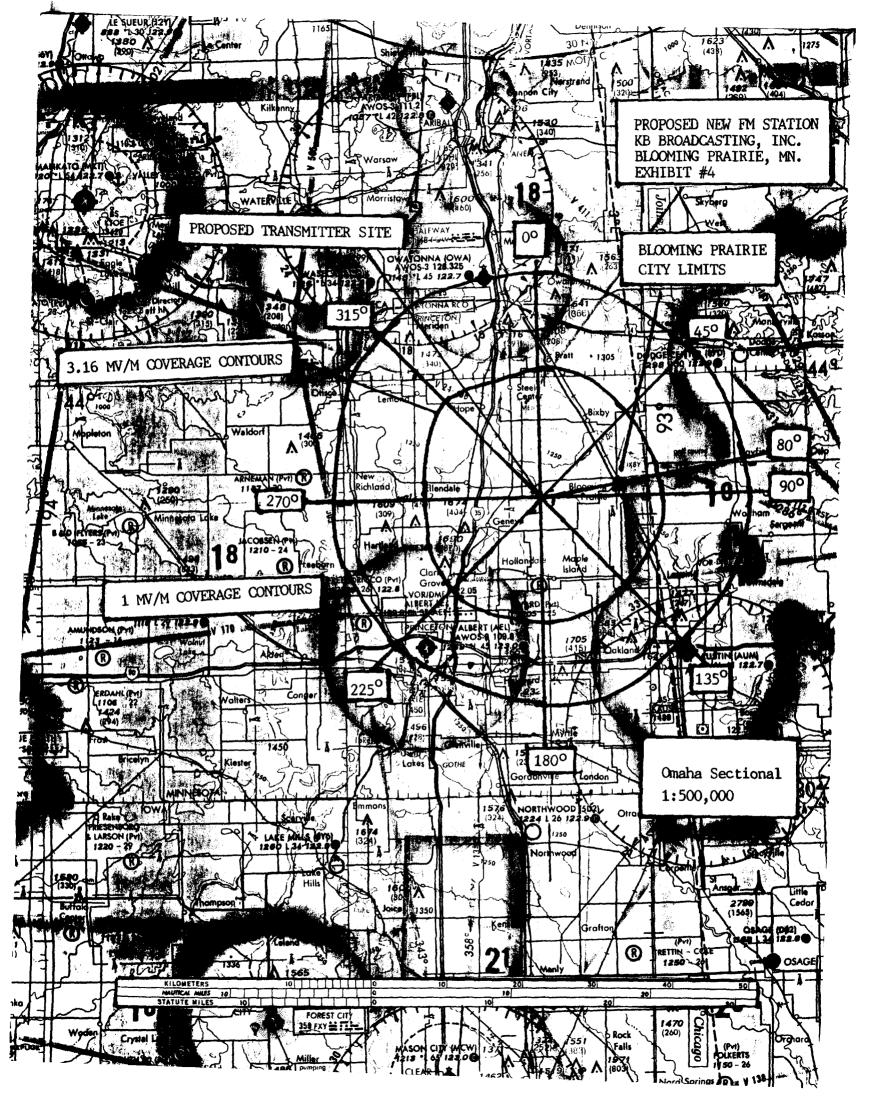
NOTARY PUBLIC

HARRY J. HASTINGS NOTARY PUBLIC-MINNESOTA BELTRAMI COUNTY

My Commission Expires APR. 10, 1994

K B BROADCASTING, INC. BLOOMING PRAIRIE, MN. GUYED STEEL TOWER EXHIBIT #2





DOCUMENT OFF-LINE

This page has been substituted for one of the following:

An oversize page or document (such as a map) which was too large to be scanned into the RIPS system.

- o Microfilm, microform, certain photographs or videotape.
- o Other materials which, for one reason or another, could not be scanned into the RIPS system.

The actual document, page(s) or materials may be reviewed by contacting an Information Technician. Please note the applicable docket or rulemaking number, document type and any other relevant information about the document in order to ensure speedy retrieval by the Information Technician.

MAP FOR 93 246 Dated 060492. KB. Broadcasting